

## ABSTRACT

According to the present invention, a method for manufacturing a liquid discharge head includes the steps of: forming a solid layer for forming a flow path on a substrate on which an energy generating element is arranged to generate energy that is used to discharge liquid; forming, on the substrate where the solid layer is mounted, a coating layer for coating the solid layer; forming a discharge port used to discharge a liquid, through a photolithographic process, in the coating layer deposited on the solid layer; and removing the solid layer to form a flow path that communicates with the energy element and the discharge port, whereby a material used for the coating layer contains a cationically polymerizable chemical compound, cationic photopolymerization initiator and an inhibitor of cationic photopolymerization, and whereby a material of the solid layer that forms a boundary with a portion where the discharge port of the coating layer are formed contains a copolymer of methacrylic acid and methacrylate ester.